| | | ~- | | |
|-------|---|----|----|--|
| SHEET | 1 | OF | ٦. | |
| | | | | |

| _ | | _ | |
|-----|--------|------|------------|
| | | | - 0.7 |
| | _ | | A STATE OF |
| EUE | M D | ™ | |
| . • | ייעיי. | 10.1 | 7022 |
| • | | THE | |

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Ì

SERIAL NO. 10/689,693

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

APPLICANT

ROCKWOOD et al.

ATTY. DOCKET NO.

3404-2-1

FILING DATE October 20, 2003

GROUP ART ____2671____

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROP. |
|----------------------|---|--------------------|-----------|-----------------|-------|--------------|---------------------------|
| ZWA | 1 | 6,718,291 | 4/6/2004 | Sharpiro et al. | 703 | 2 | ZWA |
| | 2 | 6,281,905 | 8/28/2001 | Massabo et al. | 345 | 433 | |
| | 3 | 6,271,856 | 8/7/2001 | Krishnamurthy | 345 | 429 | |
| | 4 | 6,268,871 | 7/31/2001 | Rice et al. | 345 | 442 | |
| | 5 | 6,204,860 | 3/20/2001 | Singh | 345 | 433 | |
| | 6 | 5,774,359 | 6/30/1998 | Taneja | 364 | 191 | |
| | 7 | 5,345,546 | 9/6/1994 | Harada et al. | 395 | 142 | |
| <u> </u> | 8 | 3,882,304 | 5/6/1975 | Walters | 235 | 151.11 | 1 |

FOREIGN PATENT DOCUMENTS

| | | | | | | SUB | TRANSL | ATION |
|------|----|--------------------|-----------|---------|-------|-------|--------------|-------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | CLASS | YES | NO |
| Larp | 9 | WO 02/25587 | 3/28/2002 | PCT | G06T | ZWA | Z WR | ZWp |
| | 10 | WO 01/08102 | 2/1/2001 | PCT | G06T | 15/00 | | |
| | 11 | WO 95/30209 | 11/9/1995 | PCT | G06T | 17/20 | | |
| | 12 | WO 95/11489 | 4/27/1995 | PCT | G06F | 17/50 | \downarrow | 1 |

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

| *gnp | 13 | International Search Report dated October 25, 1999 for International Patent Application No. PCT/US99/16844 |
|------|----|--|
| .1 | 14 | International Preliminary Examination Report dated December 14, 2001 for International Patent Application No. PCT/US99/16844 |

| EXAMINER Lance W. Lealey | DATE CONSIDERED $2/12/\emptyset5$ |
|--------------------------|-----------------------------------|
| | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449 U.S. DEPARTMENT OF COMPATENT AND TRADEMARK OFFICE | MERCE ATTY. DOCKET NO. 3404-2-1 | SERIAL NO. 10/689,693 |
|---|---------------------------------|--------------------------|
| NFORMATION DISCLOSURE STATEME | NT APPLICANT ROCKWOOD et al. | |
| NOV 1 9 2003 | FILING DATE October 20, 2003 | GROUP ART |
| U. T. R. TRINGE | S. PATENT DOCUMENTS | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROP. |
|----------------------|---|--------------------|----------|-----------------|-------|--------------|---------------------------|
| ZWD | 1 | 6,369,815 | 4/9/2002 | Celniker et al. | 345 | 420 | ZWA |
| + | 2 | 6,256,038 | 7/3/2001 | Krishnamurthy | 345 | 419 | 4 |

FOREIGN PATENT DOCUMENTS

| | | | | | | SUB | TRANS | ATION |
|-----|---|--------------------|---------------|---------|-------|--------|-------|-------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | CLASS | YES | NO |
| ZWA | 3 | EP 0 303 706 | Feb. 22, 1989 | Europe | G05B | 19/403 | ZWD | LWD |

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

| ZWA | 4 | "A Technology Marketing White Paper: Dassault Acquires Spatial Technology: The think3 Position"; think3; 7 pgs. |
|-----|----|---|
| | 5 | "A Technology Marketing White Paper: Mass 3-D"; think3; 23 pgs. |
| | 8 | Adobe Premiere 3.0 User's Guide; 3 pgs. |
| | 7 | Christensen; "Product Data Representaion and Exchange: Parametriuzation and Constraints for Explicit Geometric Product Models"; NIST; June 1, 1998; 29 pgs. |
| | 8 | Clarke; "Polished Surfaces"; C3mag.com; (date unknown); 5 pgs. |
| | 9 | Coutts et al.; "Rendering with Streamlines"; 1997; (Annote) |
| | 10 | Driskill; "Towards the Design, Analsysis, and Illustration of Assemblies"; University of Utah, Dept. of Science; 1996; (Abstract) |
| | 11 | Firebaugh; "Chapter 5: Two-Dimensional Graphics - Representation"; Wm. C. Brown Communications, Inc.; (date unknown); 39 pgs. |
| | 12 | Fuller; "Using AutoCAD"; Release 10 with 3-D, third edition; 1989 |
| | 13 | "Global Shape Modeling"; think3; October 2000; 2 pgs. |
| | 14 | Glossary; Alias/Wavefront, a Silocon Graphics Company; 1997; 22 pgs. |
| | 15 | Igarashi et al.; "Teddy: A Sketching Interface for 3D Freeform Design"; Proceedings of SIGGRAPH, August 1999; (Annote) |
| 8 | 16 | Letcher et al.; "Parametric Design and Gridding Through Relational Geometry"; AeroHydro, Inc.; 15 pgs. |

| EXAMINER Zance W. Sealey | DATE CONSIDERED $2/12/85$ |
|---|---|
| *EXAMINER: Initial if reference considered, whether or not citation is in conf not considered. Include copy of this form with next communication to applic | formance with MPEP 609; Draw line through citation if not in conformance and ant. |

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

ATTY. DOCKET NO.
3404-2-1

APPLICANT
ROCKWOOD et al.

FILING DATE

SERIAL NO.
10/689,693

SERIAL NO.
10/689,693

October 20, 2003

| ZWA | 17 | Markosian et al.; "Skin: A Constructive Approach to Modeling Free-form Shapes"; Proceedings of SIGGRAPH; August 1999; (Annote) |
|-----|----|---|
| | 18 | "Mass 3-D Technology - Unsurpassed"; think3; 2000; 2 pgs. |
| | 19 | "Product Demo: SurfaceWorks Slide Show"; AeroHydro, Inc.; (date unknown); 1 pg. |
| | 20 | Rössl et al.; "Line-Art Rendering of 3D-Models"; Max-Planck-Institute for Computer Sciences; (date unknown); 10 pgs. |
| | 21 | "Shape Modeling Description: New Computation Techniques for Shape Modeling and Design: Overview"; (date unknown); 15 pgs. |
| | 22 | Svenneby et al.; "SurfaceWorks and the Shape Feature"; AeroHydro, Inc.; (date unknown); 2 pgs. |
| | 23 | "Sweeps, Blends, and Advanced Features"; Parametric Technology Corp.; 1998 |
| | 24 | Tumblin et al.; "LCIS: A Boundary Hierarchy for Detail-Preserving Contrast Reduction"; Proceedings of SIGGRAPH; August 1999; (Annote) |
| 4 | | · |

EXAMINER Lance W. Dealey

DATE CONSIDERED 2/22/05